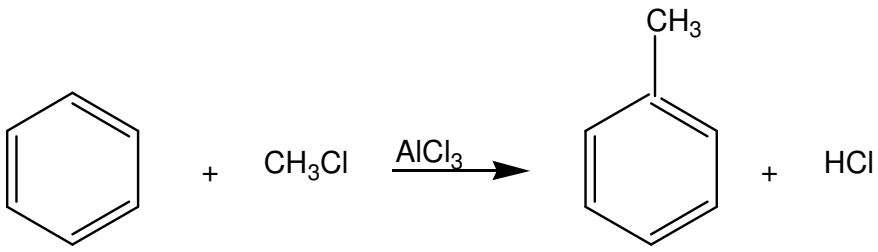
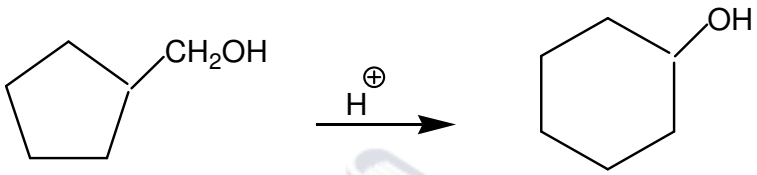
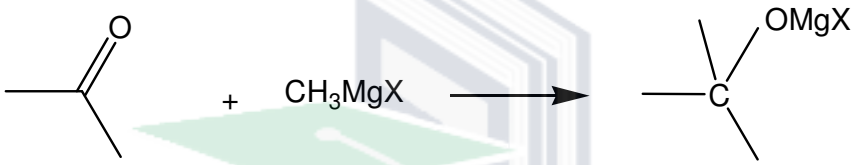
Travaux dirigés (2013-2014)

Exercice n°1

A quel type de réactions, correspond chacune des équations bilan suivantes ?

1) 

2) 

3) 

4)

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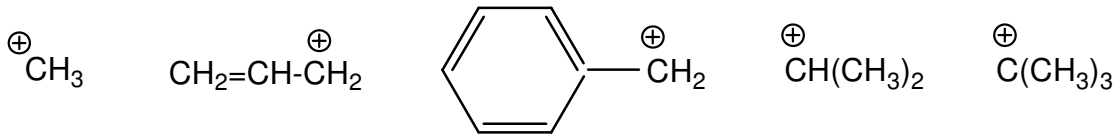
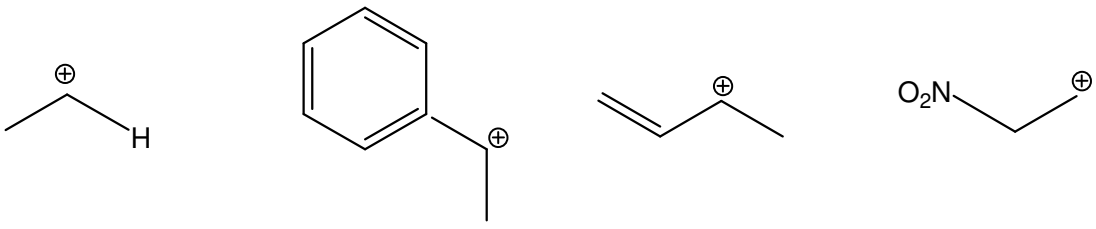
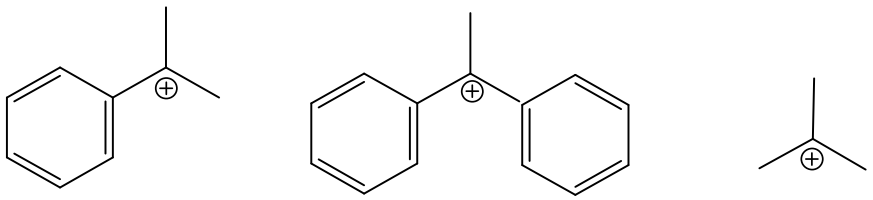
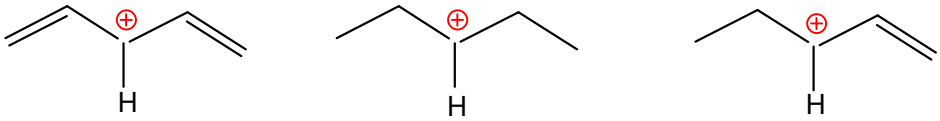
Exercice n°2

Classer les **carbocations** suivants par ordre de **stabilité croissante** :



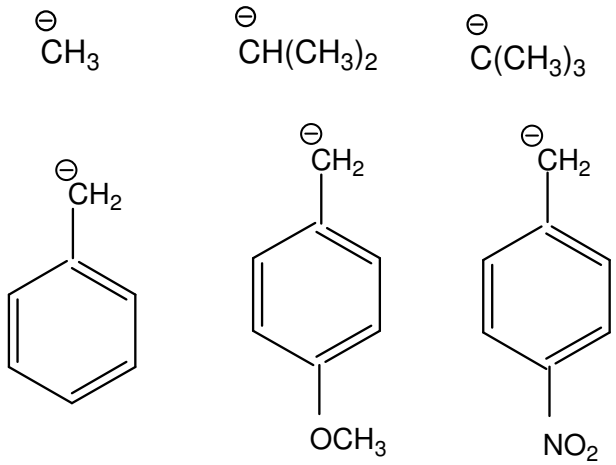






Exercice n°3

Classer les **carbanions** par ordre de **stabilité croissante** :



Exercice n°4

Préciser le **caractère électrophile** ou **nucléophile** des molécules et ions suivants :

Br^+

HO^-

$CH_2=CH_2$

$N(C_2H_5)_3$

CH_3O^-

H_3O^+

NO_2^+

C_6H_6

BF_3

Br^-

CN^-

CH_3NH_2

H_2O

$(CH_3)_3S^+$

$(CH_3)_3C^+$

CH_3OH

CH_3S^-

$(CH_3)_2CH^-$

NH_2^-